

उत्तरांचल शासन  
सूचना प्रौद्योगिकी विभाग  
सचिवालय, देहरादून  
सं : 649 /UTCN/IT/103  
दिनांक : 3 मार्च, 2004

विषय : कम्प्यूटर व अन्य सहवर्ती उपकरणों को आपूर्ति हेतु दर अनुबन्ध।

कृपया सूचना प्रौद्योगिकी विभाग द्वारा कम्प्यूटर एवं अन्य सहवर्ती उपकरणों को आपूर्ति के सम्बन्ध में जारी शासनादेश संख्या 385/UTCN/IT/103 दिनांक 06 जनवरी 2003, का सन्दर्भ ग्रहण करने का कष्ट करें। उक्त शासनादेश में दी गई दरें दिसम्बर 2003 में भारतवर्ष में न्यूनतम नहीं रह गयी थी क्योंकि डी.जी.एस एण्ड डी. द्वारा इससे बेहतर दर प्राप्त कर ली गई थी। तत्क्रम में विभाग के पत्र संख्या 0202/IT/03 दिनांक 4 दिसम्बर, 2003 द्वारा कम्प्यूटर एवं सहवर्ती उपकरणों की खरीद प्रक्रिया को स्थगित करने का अनुरोध सभी विभागों से किया गया।

तत्पश्चात भारत सरकार द्वारा कम्प्यूटर बनाने में प्रयोग होने वाले कल पुरजों पर उत्पादन शुल्क का दर 16 प्रतिशत से 8 प्रतिशत कर दिया, इससे भी कम्प्यूटर की दरों में कमी आयी।

कम्प्यूटरों के मूल्यों में आयी उक्त कमी को वृष्टिगत रखते हुए इस बार यह निर्णय लिया गया कि हम सूचीबद्ध आपूर्तिकर्ताओं से नयी दरें प्राप्त करें। तत्क्रम में सचिव, नृजन प्रौद्योगिकी को अध्यक्षता में गठित अन्तरविभागीय समिति द्वारा सूचीबद्ध आपूर्तिकर्ताओं से नई दरें प्राप्त कर अनुमोदित की गई।

अतः मुझे कम्प्यूटर एवं सहवर्ती उपकरणों के नई विनिर्दिष्ट एवं दरों को संलग्न कर यह कहने का निर्देश हुआ है कृपया तदनुसार उपकरणों का क्रय करना सुनिश्चित करें। आपूर्ति के सम्बन्ध में नियम व शर्तें पूर्व निर्गत शासनादेश के अनुरूप रहेंगी। ये नियम व शर्तें हमारी वेबसाइट: [www.ua.nic.in](http://www.ua.nic.in) पर भी उपलब्ध है।



नोटबुक एवं एल.सी.डी की दरों में भी कमी आयी है लेकिन अभी इनकी दरें डी.जी.एस. एण्ड डी द्वारा तय नहीं की गई हैं अतः इनके सम्बन्ध में दरें एवं तकनीकी विशिष्टियां बाद में जारी की जायेंगी।

उक्त प्रक्रिया में आपूर्तिकर्ता फर्मों एवं क्रय करने वाले विभाग के मध्य किसी तरह के विवाद/कठिनाई होने की स्थिति में प्रकरण सचिव, सूचना प्रायोगिको उत्तरांचल शासन को सन्दर्भित किया जाएगा जिनका निर्णय अंतिम व मान्य होगा।

संलग्नक - ('अ' तकनीकी विशिष्टियां एवं दरें पृष्ठ- 1-14)


संलग्नक - ('ब' निर्माता फर्मों द्वारा अनुमोदित From End Partners की सूची पृष्ठ-15-19)

  
(आनंद कुमार)  
अधर सचिव

पत्रांक 649 /UICN/IT/103/ दिनांक 3 मार्च, 2004

प्रतिरूप निर्माता/उत्प्रेषक का सूचनार्थ एवं आवश्यक कार्यवाही हेतु

1. सम्स्त प्रमुख सचिव/सचिव, उत्तरांचल शासन देहरादून
2. भाण्डारपुस्तक गढ़वाल/कुमायूँ
3. सम्स्त विभाग/अध्यक्ष उत्तरांचल
4. कुलपति पंतनगर विश्वविद्यालय/कुमायूँ विश्वविद्यालय/गढ़वाल विश्वविद्यालय
5. सम्स्त जिलाधिकारी उत्तरांचल
6. सम्स्त सरकारी निगमों के अध्यक्ष/प्रबन्ध निदेशक
7. स्टाफ ऑफिसर मुख्य सचिव, उत्तरांचल शासन

  
(आनंद कुमार)  
अधर सचिव

**Empanelled Suppliers, Products & Rates****Part II - A | Servers**

<i>Server System -I (P4 , 2.4GHz)</i>	<i>HCL ( Infiniti Gobra line)</i>	<i>Rs 86,450/=</i>
	<i>Wipro (Net Power )</i>	<i>Rs 86,450/=</i>
	<i>Acer</i>	<i>Rs 86,450/=</i>
	<i>HP(TC 2120)</i>	<i>Rs 86,450/=</i>
	<i>IBM (x 205)</i>	<i>Rs 86,450/=</i>

**TECHNICAL SPECIFICATION****Servers**

Sub Clause	ITEM	ITEMS DETAILS
201	Server - I	
(i)	Processor(CPU)	Intel Pentium 4 processor with integrated 512 KB cache & clock speed 2.4 GHz or higher
(ii)	Motherboard	Intel / Server works
(iii)	Slots	4X64 Bit Slots, 1X32 bit PCI slot.
(iv)	Memory	256 MB ECC DDR SDRAM Expandable to 4.0 GB
(v)	Hard Disk Drive	2X36 GB SCSI HDD
(vi)	FDD	1.44 Floppy Disk Drive(3.5") internal
(vii)	For Back Up	Digital Auto Tape Drive 12/24 GB DAT with back up software for schedule managed backup and disaster recovery
(viii)	Monitor	15" SVGA Digital Colour Monitor(Support 1024X768 NI Resolution)
(ix)	Video Controller	Onboard 8MB Dynamic Video Memory
(x)	Keyboard	104 Keys Keyboard.
(xi)	Mouse	Scroll Mouse with mouse pad
(xii)	Bays	4 Bays (2 External and 2 Internal)
(xiii)	Ports	2 USB Port, 1 Serial Ports, 1 Parallel Port
(xiv)	Cabinet	Tower
(xv)	DMI	DMI 2.0 Compliance and support of Alternative OEM server management software
(xvi)	CD ROM	52X or better CD ROM Drive
(xvii)	Main board external interface, ports	1 Serial port, 1 Parallel port, 2 USB port, RJ 45 port (10/100)- 1 No., PS/2 ports for keyboard & mouse, Min. PCI slots- 4 Nos.

क्षपत सन्दिश

नियोजन, नवजात रोगीगिकी,  
एवं अन्य नवजात,  
उत्तरांचल नवजात ।



(xviii)	Networking features	Integrated dual LAN, one 10/100/1000 and one 10/100 Network card with asset tracking and security management, remote shut down and wake up
(xix)	Power Management	Energy star compliance, screen blanking, Hard disk and system Idle Mode in Power On, set up password, power supply surge protected
(xx)	Preloaded Software	Innoculate or equivalent antivirus(latest version)

Server System -II ( Xeon, 2.6 GHz) HCL ( Infiniti GL )

Rs 1,26,099/=

Wipro ( NetPower 7225Z)

Rs 1,26,099/=

Acer (Altos )

Rs 1,26,099/=

HP ( Proliant ML-150)

Rs. 1,26,099/=

IBM (x 225)

Rs1,26,099/=

201-A	Server II	
(i)	Processor(CPU)	Intel Xeon 2.66GHz processor or better capable of dual processing with 512 KB cache Memory or better
(ii)	Motherboard	Intel E7501 or better on Intel or equivalent OEM motherboard Motherboard should be capable of 533 MHz FSB
(iii)	Slots	3 PCI 32 BIT and 3 PCI 64 BIT
(iv)	Memory	256 MB ECC 266MHz DDR RAM up gradable up to 12 GB on DIMM
(v)	Hard Disk Drive	2X36 GB SCSI Controller Dual at 320 Mbps per channel
(vi)	FDD	1.44 Floppy Disk Drive(3.5") Internal
(vii)	For Back Up	Digital Auto Tape Drive 12/24 GB DAT with back up software for schedule managed backup and disaster recovery
(viii)	Monitor	15" SVGA Digital Colour Monitor(Support 1024X768 NI Resolution)
(ix)	Video Controller	Onboard 8MB Dynamic Video Memory
(x)	Keyboard	104 Keys Keyboard, Multimedia type
(xi)	Mouse	Scroll Mouse with mouse pad
(xii)	Bays	4 Bays (2 External and 2 Internal)
(xiii)	Ports	2 USB Port, 1 Serial Ports, 1 Parallel Port
(xiv)	Cabinet	Tower
(xv)	DMI	DMI 2.0 Compliance and support of Alternative OEM server management software
(xvi)	CD ROM	52X or better CD ROM Drive

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(xvii)	Main board external interface, ports	1 Serial port, 1 Parallel port, 2 USB port, RJ 45 port (10/100)- 1 No., PS/2 ports for keyboard & mouse, Min. PCI slots- 4 Nos.
(xviii)	Networking features	Integrated dual port 10/100/1000 Network card with teaming, automatic fail over remote system installation Asset tracking and security management, remote shut down and wake up
(xix)	Power Management	Energy star compliance, screen blanking, Hard disk and system Idle Mode in Power On, set up password, power supply surge protected
(xx)	Preloaded Software	Innoculate or equivalent antivirus(latest version)

**NOTE:**

1) All components/ Sub Components of the Server should be original as provided by the OEM.

**ADD - ONS FOR SERVER**

Memory	Item	Rate (Rs.)
Hard Disk	Processor Intel Pentium4, 3.06 GHz, 533MHz FSB in lieu of 2.4GHz for server-I only	3913/-
	512 MB ECC DDR RAM 266 MHz in lieu of 256 MB for Server-I	3379/-
	512 MB ECC DDR RAM 266 MHz in lieu of 256 MB for Server-II	3407/-
Others	1 GB ECC DDR RAM 266 MHz in lieu of 256 MB Server-I	9928/-
	1 GB ECC DDR RAM 266 MHz in lieu of 256 MB Server-II	9846/-
	36 GB SCSI, Controller Ultra wide In addition	10256/-
	CD Writer Internal,48x Read and 24xReWrite, 48X write or better	2701/-
	CD Writer External USB Interface, 8x, 4x, 40x	8200/-
	12/24 GB External DAT Drive, SCSI Interface	37000/-
	40 GB DLT Drive	65000/-

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## Part II – B | Desktops|

### Desktop( P4, 2.6Ghz/ HT)

Sl No	Empanelled Vendors	OS : Win XP Prof
1	HCL ( Infiniti ProBL )	Rs 37,765/-
2	Wipro ( Super Genius 800gx-ax)	Rs 37,765/-
3	Acer (Power Desktop)	Rs 37,765/-
4	HP ( Compaq D330m)	Rs 37,765/-
5	IBM ( Think Center A50)	Rs 37,765/-

## TECHNICAL SPECIFICATIONS FOR DESKTOP PC

201-A	ITEM	SPECIFICATIONS
(i)	CPU	Intel Pentium 4 processor @ 2.6 GHz or higher with HT Technology integrated 512 KB L2 cache or higher with 800 MHz system bus.
(ii)	Motherboard	Intel 865G or better on Intel or equivalent OEM Motherboard
(iii)	Bus architecture	Integrated Graphics, 3PCI & 1AGP
(iv)	Memory	256 MB 333/400 MHz DDR RAM; expandable up to 4 GB
(v)	Hard Disk Drive	40 GB Ultra DMA 100HDD PCI Dual channel Bus Master
(vi)	FDD	1.44 MB Floppy drive (3.5")
(vii)	Monitor	15" SVGA Digital Colour Monitor (support 1024x768 NI Resolution)
(viii)	Video Controller	Integrated Graphics through DVMT
(ix)	Keyboard	104 keys keyboard Multimedia type
(x)	Mouse	Optical Mouse
(xi)	Bays	4 Bays (2 External and 2 Internal)
(xii)	Ports	4 USB Port, 1 Serial Ports, 1 Parallel Port
(xiii)	Cabinet	Mini Tower
(xiv)	DMI	DMI 2.0 Compliance and support
(xv)	CD ROM	52 x or higher CD ROM drive, IDE interface
(xvi)	Networking features	on board 10/100 Network card with remote booting facility. Remote system installation Asset tracking and security management, remote shut down and wake up
(xvii)	Operating System & other Software	MS WIN XP Professional with recovery CD media & License; Latest Anti Virus Software preloaded
(xviii)	Power Management	Energy star compliance, screen blanking, Hard disk and system Idle Mode in Power On, set up password, power supply surge protected

NOTE:

1) Monitor has to be of same make as of PC.

निर्देशक, मंत्रालय,  
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पुणे-४११००४।

2) All components/ Sub Components of the PC should be original and bear part numbers provided by the OEM of the PC.

### ADD - ONS FOR DESKTOP PC

	ITEM	Rate (Rs.)
Memory	512 MB DDRAM in lieu of 256 MB DDR RAM	2169/-
Hard Disk	Additional 256 MB DDR RAM	1192/-
	80 GB in lieu of 40 GB HDD	2604/-
	Additional 40 GB HDD	3087/-
Others	Stereo Speakers Set with microphone	358/-
	56 Kbps Internal Modem	513/-
	56 Kbps External Modem	1838/-
	CD- Writer Internal; 48x- Read and 24X ReWrite, 48X write	2701/-
	combo i.e. 16x10x40CD R/W and 12x DVD Together in lieu of CD	3231/-
Monitor	17" color monitor in lieu of 15" color monitor	1450/-
	15" TFT color monitor in lieu of 15" color monitor	13000/-
	17" TFT color monitor in lieu of 15" color monitor	24000/-

### Part II - C [ Notebooks]

Rates & Specifications will be decided later after issuance of DGS&D/NICSI rate contract in this regard.

### Part II - D [ Networking Components]

The rates & Specification as specified in Uttaranchal Rate contract dated 6<sup>th</sup> January, 2003 will continue. And as follows:-

Sl No	Empanelled Vendors
1.	HCL
2.	DLink



	ITEM	ITEM DETAILS	Rate (in Rs.)	Model	
1.	Switch 1	8 port, 10/ 100 Mbps, RJ 45 based UTP dual speed switch	2310/-	DLink DES 1008D	HCL 8T
2.	Switch 2	16 port, 10/ 100 Mbps, RJ 45 based UTP dual speed switch	4725/-	DES 1016 D	HCL 16T
3.	Switch 3	24 port, 10/ 100 Mbps, RJ 45 based UTP dual speed switch	8925/-	DES 1024R+	HCL 24T
4.	Switch 4	24 port, 10/ 100 Mbps, stackable and manageable switch	33600/-	DES 3226S	HCL 24 TM
5.	LAN Card	10/ 100 Mbps LAN Card with WOL	472/-	DPE 538TX	HCL/Equi.
6.	Cable	E cat 5 UTP cable	2452/-	DCECAUTP4P3HCL	
7.	Patch Cord 1	1 Mtr. E Cat 5 Patch Cord	72/-	DCEPCURJ01 1 GY	Beecond 3L
8.	Patch Cord 2	2 Mtr. E Cat 5 Patch Cord	72/-	DCEPCURJ02 1 GY	Beecond 7L
9.	Patch Cord 3	3 Mtr. E Cat 5 Patch Cord	97/-	DCEPCURJ03 1 GY	Beecond 10
10.	I/O Port	I/O port with E Cat 5 RJ 45	192/-	DCEIOSMUP 110	Beeconnect
11.	UTP Jack	24 port E Cat 5 UTP Jack/ Patch Panel	3125/-	DCEPP24UKR 1U	Bee Panel
12.	Rack 1	4 U, 19" width, Wall mountable Rack	2420/-	CRWM04E	HCL 19" 4U
13.	Rack 2	6 U, 19" width, Wall mountable Rack	3250/-	CRWM06E	HCL 19" 6U
14.	Rack 3	9 U, 19" width, Wall mountable Rack	3700/-	CRWM09E	HCL 19" 9U
15.	Rack 4	17 U, 19" width, floor standing rack with lockable front glass door, castor wheels, power distribution strip & shelves	10000/-	CRFSS18	HCL 19" 24
16.	Rack 5	27 U, 19" width, floor standing rack with lockable front glass door, castor wheels, power distribution strip & shelves	14500/-	CRFSS27	HCL 19" 36
17.	Cabling	Cable laying through PVC channel with supplying of PVC channel including termination of cable & fixing of wall mount rack	35/-		

### TECHNICAL SPECIFICATIONS

	ITEM	ITEM DETAILS
303	Switch 1	8 port, 10/ 100 Mbps, RJ 45 based UTP dual speed switch
304	Switch 2	16 port, 10/ 100 Mbps, RJ 45 based UTP dual speed switch
305	Switch 3	24 port, 10/ 100 Mbps, RJ 45 based UTP dual speed switch
306	Switch 4	24 port, 10/ 100 Mbps, stackable and manageable switch
307	LAN Card	10/ 100 Mbps LAN Card with WOL
308	Cable	E cat 5 UTP cable
309	Patch Cord 1	1 Mtr. E Cat 5 Patch Cord
310	Patch Cord 2	2 Mtr. E Cat 5 Patch Cord
311	Patch Cord 3	3 Mtr. E Cat 5 Patch Cord
312	I/O Port	I/O port with E Cat 5 RJ 45

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313	UTP Jack	24 port E Cat 5 UTP Jack/ Patch Panel
314	Rack 1	4 U, 19" width, Wall mountable Rack
315	Rack 2	6 U, 19" width, Wall mountable Rack
316	Rack 3	9 U, 19" width, Wall mountable Rack
317	Rack 4	17 U, 19" width, floor standing rack with lockable front glass door, castor wheels, power distribution strip & shelves
318	Rack 5	27 U, 19" width, floor standing rack with lockable front glass door, castor wheels, power distribution strip & shelves
319	Cabling	Cable laying through PVC channel with supplying of PVC channel including termination of cable & fixing of wall mount rack (to be quoted in terms of per running meter)

## Part II – E [ Printing & Imaging Equipments]

### 200. Technical Specifications for Printers

Sub Clause	ITEM	SPECIFICATION	Model/Make	Price
201	Dot Matrix Printer, 132 col.	24 pin, 132 col., 300 cps or above, buffer- 32 KB or more, with driver, Power & Printer cables, manual etc., standard operating voltage, Bilingual supported & other standard features.	Wipro(HQ 1030+) TVSE(MSP335)	9750/=
201-A	Dot Matrix Printer, Heavy Duty, 132 Col.	24 pin, min. 132 col., 450 cps or above, buffer- 64 KB or more, with driver, power & printer cables, manual etc., standard operating voltage, Bilingual supported & other standard features.	Wipro(LQ 5400)	25500/=
202	Dot Matrix Printer, 80 col.	24 pin, 80 col., 240 cps or above, buffer- 32 KB or more, with driver, Power & Printer cables, manual etc., standard operating voltage, Bilingual supported & other standard features.	Wipro (LQ 540) TVSE(MSP 330)	8750/=
203	Line Matrix Printer	Line impact technology, Print speed in LPM at draft- 500 (upper case)/ 400 (lower case), Max character pitch- 20 CPI, Max. line pitch- 10 LP/Text & Graphics Driver, Max graphic speed- 50 inches/ min., Two tractors paper handling, Paper width- 4" to 16", No. of copies- original+5, Interface- Centronics parallel, Ribbon Replacement Reminder, Power consumption- 200W Max., Upgradeability to higher speed - optional	Wipro(P500)	116900/=

#### INKJET PRINTER

205	Mid level	19PPM (black), 14PPM (color), Duty cycle- 3000 pages, resolution 4800 dpi, Memory 8 MB	HP(DJ5160)	5645/=
206	High level	21PPM (black), 1 PPM (color), Duty cycle- 5000 pages, resolution 4800 dpi, Memory 8 MB, duplexing, optional network capability, USB 2.0 and parallel interface	HP (DJ 5652)	8470/=

207	Business Series	15 PPM (black), 14 PPM (color), Duty Cycle-10000 pages, Resolution - 1200 x 600 dpi, Optional 2nd tray: capacity 250 sheets; Text-based LCD front panel, intuitive operations with Resume, Job Cancel, Menu, Item, Value and Select buttons; 45 TrueTypeTM and 35 PostScript fonts built-in; Ink-level gauge; 16/48 MB RAM, 96 MHz processor, optional network capabilities	HP(DJ 2280)	32880/=
208	A3 Entry	8 cpm (b) 6 ppm (c), 1200 dpi, duty cycle 5000 pages	HP (DJ 1180)	16000/=
209	A3 Ink Jet	10 PPM A3 (black), 9.5 PPM A3 (color), Duty cycle- 5000 pages, resolution 2400 dpi, memory 16 Mb, optional duplexing and networking capabilities	HP (DJ 9300)	23000/=

#### MULTIFUNCTION INKJETS

210	Entry level	Printer/Scanner/Copier/Fax : 8-12 PPM (black), 7 PPM (color), Duty cycle- 2000 pages, print resolution - 2400 dpi, 14.4 kbps fax modem, USB		
211	Mid range	Printer/Scanner/Copier/Fax : 17 PPM (black), 12 PPM (color), Duty cycle- 3000 pages, print resolution - 4800 dpi, 33.6 kbps fax modem, Scanning optical resolution: 1200x2400 dpi, 48 bit, USB, Flat Bed Scanner	HP(PSC 2410)	17200/=
212	High level	Printer/Scanner/Copier/Fax : 19 PPM (black), 16 PPM (color), Duty cycle- 5000 pages, print resolution - 2400 dpi, scan resolution - 1200 * 4800 dpi, 48-bit color, 33.6 kbps fax modem; Network enabled, automatic two-sided printing and copying accessory included; USB; standard automatic document feeder	HP (OJ 6110)	18100/=

#### LASERJET PRINTER A4

213	Entry level	Speed A4 10-12 PPM, Resolution- 600 dpi, Memory- 1 MB Min., Parallel or USB interface, Compatible to Win 9X/ 2000/ Mac OS/ Linux (optional)	Wipro(W1440) Samsung(ML1510) HP(LJ 1010)	9800/=
213-A	Entry level-A	Speed A4 14 PPM, Resolution- 600 dpi, Memory- 8 MB Min., Parallel or USB interface, Compatible to Win 9X/ 2000/ Mac OS/ Linux (optional)	Samsung(ML1710) HP(LJ 1015)	12093/=
214	Mid level	Speed A4 13-15 PPM, Resolution- 1200 dpi, Memory- 8 MB Min., Parallel or USB interface, Compatible to Win 9X/ 2000/ Mac OS/ NT Linux (optional), Network capability (Optional)	Wipro(W2050) Samsung(ML1750) HP(LJ 1150)	14000/= 14000/= 16000/=
214-A	Mid level-A	Speed A4 13-15 PPM, Resolution- 1200 dpi, Memory- 8 MB Min., Parallel or USB interface, Compatible to Win 9X/ 2000/ Mac OS/ NT Linux (optional), Network capability with print server	Wipro(W2050N) Samsung(ML1750 N) HP(LJ 1300N)	24000/= 24000/= 26000/=

अथवा  
 निम्नलिखित प्रयोगशाला,  
 एवं अन्य संस्थाओं,  
 द्वारा प्रमाणित।

214 B	Mid level-B	Speed A4 15 PPM Resolution- 1200 dpi Memory- 8 MB Min. Parallel or USB interface, Compatible to Win 9X/ 2000/ Me/ XP/NT Linux (optional)	Samsung M-2150 HP LJ 1	9510
214-C	Mid level-C	Speed A4 13-15 PPM Resolution- 1200 dpi Memory- 8 MB Min. Parallel or USB interface, Compatible to Win 9X/ 2000/ Me/ XP/NT Linux (optional) Network Optional) with Duplexing		26000- 42500.
215	Upper Mid Level	Speed A4 25 PPM Resolution- 1200 dpi 32 MB Parallel & USB port Compatibility to Win 9X/ 2000/ Me/ XP/NT, Linux (optional) Network capability Duplexing (Optional), Duty Cycle- 50000 ppm		
216	High level	Speed A4 20-25 PPM Resolution- 1200 dpi 16 MB Parallel & USB port Compatibility to Win 9X/ 2000/ Me/ XP/NT, Linux Network capability with Duplexing Duty Cycle- 100000 pages per month		
216 A		Speed A4 35PPM Resolution- 1200 dpi 16 MB Parallel & USB port Compatibility to Win 9X/ 2000/ Me/ XP/NT, Linux Duplexing	HP(LJ4200)	77064 =

#### LASERJET A3

217	E	Speed A3 22 PPM and above Resolution- 1200 dpi 16 MB Parallel, Compatibility to Win 9X/ 2000/ Me/ XP/NT Linux Network capability Duty Cycle-		
218	Mid level	Speed A3 32 PPM and above Resolution- 600x600 dpi, 32 MB Parallel and EIO slot Compatibility to Win 9X/ 2000/ Me/ XP/NT Linux Optional Network capability, Optional duplexing capabilities, Copona Multifunction capabilities Duty Cycle- 150000 pages per month		
219	High level	Speed A3 50 PPM, Resolution- 600x600 dpi 64 MB Parallel and EIO slot Compatibility to Win 9X/ 2000/ Me/ XP/NT Linux Optional Network capability Optional duplexing capabilities Optional Multifunction capabilities, Duty Cycle- 300 000 pages per month.		

#### LASERJET COLOR

220	F	Resolution- 600x600 dpi which provides 1200 dpi class colour laser print quality Memory-32 MB Min., Parallel or USB interface Compatible to Win 9X/ 2000/ Me/ XP/ Linux (optional), optional networking capabilities		
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221	Mid level	Speed 16 ppm A4 Resolution: 600x600 dpi which provides 2400 dpi class colour laser print quality Memory 96 MB. Memory Parallel. Optional network capabilities optional duplexing Compatible to Win 9X 2000/ Me/ XP/ Linux (optional)	HP(4600)	1325
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#### LASERJET MULTIFUNCTION

222	Mid level	Scanner+Copier+Printer+Fax Speed 10-13 ppm black Flat bed Memory 41.16	HP(3030)	23700
223	Mid level	Scanner+Copier+Printer Speed: 14 ppm black, 1200 dpi Scan resolution 600x600 dpi, Flat bed Memory 32 MB Networking capabilities (optional) USB & Parallel		46500
223-A	Mid level-A	Scanner+Copier+Printer Speed 14 ppm black, 1200 dpi, Scan resolution 600x600 dpi, Flat bed, Memory 16 MB Networking capabilities (optional) USB & Parallel interface with Duplexer		
224	High level	Scanner+Copier+Printer Speed 24 ppm black 1200x1200 dpi, Scan resolution 600x600 dpi Flat bed, Memory 64 MB Networking capabilities (optional) Parallel & EIO slot interface	HP(4100MFP)	
225	Super High level	Scanner+Copier+Printer Speed 50 ppm black 600x600 dpi, Scan resolution 600x600 dpi, Flat bed, Memory 128 MB & EIO slot interface		

#### PLOTTER

226	Entry level	Size A0 or 42 inch Print speed 15 sq ft/hr, Reso 1200 dpi Memory 16 MB std max 160 MB, optional networking capabilities interface parallel and USB 1.1, print languages Std HP PCL-3 GUI Languages Optional Post Script 3 via software R P	HP (DNJ 500)	
227	Mid level	Size A0 or 42 inch Print speed 15 sq ft/hr Resolution 2400 dpi Memory 96 MB and 6 GB Hard disk drive std max 160 MB optional networking capabilities interface parallel and USB 1.1 print languages Std HP GL/2 HP RTL CALS G4 (TIFF and JPEG files from UNIX Linux and Win NT via ZEH raster Plus Languages Optional Adobe Post Script 3	HP(DNJ 800)	
228	High level	Size 60 inch Print speed 85 sq ft/hr Resolution 2400 dpi Memory 160 MB max and 6 GB Hard disk drive Networking capabilities, interface parallel and USB 1.1, print languages SIJ HP GL/2 HP RTL CALS G4 (TIFF and JPEG files from UNIX Linux and Win NT via ZEH raster Plus), Languages Optional Adobe Post Script 3	HP(DNJ 5500)	

229	Multi function Plotter	SCANNER+LCD MONITOR+PRINTER+COPIER Size A0 815MFP) or 42 inch Print speed 36 sq ft/hr image speed Resolution 2400 dpi Memory 96 MB and 6 GB Hard disk drive std max 160 MB. optional networking capabilities interface parallel and USB 1.1 print languages Std HP GL/2 HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Win NT via ZEH raster Plus) Adobe Post Script 3	HP DesignJet 1450000
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#### SCANNERS

230	Entry level	HP 1200 for optical color Front-panel scan copy universal Serial Bus (USB) 1.1 and 2.0 full speed	HP 1200 1450
231	Mid level	2400 optical dpi resolution and 48-bit color preview scans in about 7 seconds, scan 35-mm negatives and slides using the included lighted adapter 7 front panel one-touch buttons optional automatic photo feeder, USB 2.0 full and high speed connection optional network capabilities	HP(SJ 3970 HP(SJ 4670 13400 1500

## Part II - F [ Power Conditioning Equipment ]

The rates & Specification as specified in Uttaranchal Rate contract dated 6<sup>th</sup> January, 2003 will continue. However it shall be open for Government to renegotiation the rates of UPS in the next two months. And as follows:-

S. No.	Vendor's	Specification Line Intractive Rate (Rs.)	Specification Line Intractive Rate (Rs.)	Specification On Line Rate (Rs.)	Specification On Line Rate (Rs.)	Specification On Line Rate (Rs.)
1	Wipro	2750/=(500 Eco)	8250/=(1KVA)	NIL	NIL	
2	HCL (Uniline/ Truonline)	2750/-	8250	40000 =	49150	84000
3	APC	2750/=(500 VA)	8250/=(1000 VA)	42000/= (SLOL 2000LVA)	-	-
4	Numeric	2595/= (500)	5100/= (1000)	40000/= (2000)	49150/= (3000)	84000/= (5000)
5	Invensys	2750/= (PB 5150)	8250/= (PB 5150)	42000/= (PB 9120)	-	-

As per the computerised vendor's bid in CVT as the prices quoted were found to be unacceptable to the TEC.

## Technical Specifications for Power Conditioning Equipment

Sub ITEM Clause	SPECIFICATION
201 LPS- 500 VA Line interactive	Capacity 500 VA software monitoring support Microprocessor based input voltage 160-280V output Voltage 230V+/-5%, Frequency 50 Hz +/- 5%, Transfer time 2-5 mili secs., cold start facility, 15-20 min backup on computer load Alarm on battery mode over load and low battery, SMF 12V, 7AH, Modem protection, AVR for regulated output, no load shutdown or sleep mode software shutdown surge protection EMI/RFI filter cold start over load and short circuit protection ISO 9001

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202	UPS- 1000 VA Line Interactive	Capacity: 1000 VA, software monitoring support, Microprocessor based, input voltage, 160-280V, output Voltage: 230V $\pm$ 5%, Frequency 50 Hz $\pm$ 5%, Transfer time: 2-5 mill secs., cold start facility, 15-20 min. backup on computer load, Alarm on battery mode, overload and low battery, SMF 12V, 7AH, Modem protection, AVR for regulated output, no load shutdown or sleep mode, software shutdown, surge protection EM RFI filter, cold start, over load and short circuit protection, ISO 9001
203	UPS- 2000 VA, ON LINE, 30 Min	Double conversion Online UPS with CVCF output and inbuilt bypass AVR, IGPT based, high switching frequency of 16.1 Kh, Input Voltage: 165-280 volts Frequency: 45-55 Hz, Compatible with Dq sets, Output voltage: 230 $\pm$ 1%, Frequency: 50 Hz $\pm$ 0.2%, Crest factor: 3:1, Distortion in wave form less than 1.7% on linear load and less than 4.8% on non linear load, Inverter efficiency greater than 90%, Transient response for 100% step load less than 10 milli sec. to recovery for nominal Overload capacity: 110% for 10 min, 120 % for 5 min Bypass: Manual, Battery : DC Bus voltage 48 Volt, Display : 32 character alpha numeric display for input voltage, Input frequency, Battery Voltage, Battery current, Output Voltage, Output current, Output frequency, Protection: Input over voltage, battery low, output short circuit, device over temperature, output low, output high
204	UPS- 3000 VA, ON LINE, 30 Min	Double conversion Online UPS with CVCF output and inbuilt bypass AVR, IGPT based, high switching frequency of 16.1 Kh, Input Voltage: 165-280 volts, Frequency: 45-55 Hz, Compatible with Dq sets, Output voltage: 230 $\pm$ 1%, Frequency: 50 Hz $\pm$ 0.2%, Crest factor: 3:1, Distortion in wave form less than 1.7% on linear load and less than 4.8% on non linear load, Inverter efficiency greater than 90%, Transient response for 100% step load less than 10 milli sec. to recovery for nominal Overload capacity: 110% for 10 min, 120 % for 5 min Bypass: Manual, Battery : DC Bus voltage 48 Volt, Display : 32 character alpha numeric display for input voltage, Input frequency, Battery Voltage, Battery current, Output Voltage, Output current, Output frequency, Protection: Input over voltage, battery low, output short circuit, device over temperature, output low, output high

205	UPS- 5000 VA, ON LINE, 30 Min	Double conversion On line UPS with CVCF output and inbuilt bypass AVR, IGPT based, high switching frequency of 16.1 Kh, Input Voltage: 165-280 volts, Frequency: 45-55 Hz, Compatible with Digi sets. Output voltage: 230 +/- 1% Frequency: 50 Hz +/- 0.2% Crest factor: 3:1, Distortion in wave form less than 1.7% on linear load and less than 4.8% on non linear load, inverter efficiency greater than 90%. Transit response for 100% step load less than 10 milli sec. to recovery for nominal Overload capacity: 110% for 10 min, 120 % for 5 min Bypass. Manual, Battery. DC Bus voltage 48 Volt Display: 3.2 character alpha numeric display for input voltage, input frequency, Battery voltage, Battery current, Output Voltage, Output current, Output frequency. Protection: input over voltage, battery low, output short circuit, device over temperature, output low, output high.
206	CVT 1KVA	1 KVA, 180 +/- 60V, 220V O/p. Power factor 0.8 Efficiency: 85% on full load. Protection: Short Ckt, Current Limited & short Circuit, Ferro Resonant T/r, ISO 9001/ 9002
207	CVT 2 KVA	2 KVA, 180 +/- 60V, 220V O/p. Power factor-0.8 Efficiency: 85% on full load. Protection: Short Ckt, Current Limited & short Circuit, Ferro Resonant T/r, ISO 9001/ 9002

## Part II – G.I. Projection System ]

### 1. LCD Projection System

The prices of LCD Projectors, it is decided that this product be de-listed from the Empanelment Order and the rates should be called afresh.

### 2. DLP Projection System

The prices of LCD Projectors, it is decided that this product be de-listed from the Empanelment Order and the rates should be called afresh.

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Manufacturer VSN	Location Dehradun	Dealer CSP Pvt Ltd 124310 Jyoti Road Dehradun HCC Pvt System Ltd 13-B, Subhash Road, Adj to Income Tax Office Dehradun CVMC Ltd 478, Street No-8 Rajendra Nagar Dehradun	Contact person Mr. Nishant K...	Phone No 935533084 965992214880 9412205067	Section 1
VSN	Dehradun	Sarabjit Associates 99, Vaidya Park Dehradun	Mr. Vikas Sharma Mr. Mohit Sharma	955349 955888	1
VSN	Dehradun	Sanket Interiors 11/10, Rajpur Road Dehradun	Mr. Chirag Sharma Mr. Vikas Sharma	955888 9412205067	1
VSN	Dehradun	Adj to Income Tax Office Dehradun	Mr. Nishant K...	935533084	1
VSN	Dehradun	National Engineering Services 4, old survey road Dehradun	Mr. Nishant K...	935533084 742712 740813	1
VSN	New Delhi	4, Rajpur Road, adjacent to New Delhi	Mr. Nishant K...	935533084	1
VSN	New Delhi	4, Rajpur Road, adjacent to New Delhi	Mr. Nishant K...	935533084	1

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NUMERIC	New Delhi	Numeric Power System Ltd. W-6 Main Patel Road, 8th Floor West Patel Nagar, New Delhi-8	Mr. Y V R Rao Mr. Vijai Singh	011-5871882 011-5871290	F
NUMERIC	Dehradun	Natraj Engineering Services 4, old survey road Dehradun	Mr. Sushant Ahuja	747945 742712 740813	F
APC	New Delhi	APC B-1,E-27, Mohan Co-operative Ind. Area, New Delhi -44	Mr. Tarun Makhija	011-6974357 011-6942342	F
APC	Dehradun	Strategic Marketing 29/2 Anekant Palace Rajpur Road Dehradun	Mr. Vikas Dewan Mr. Mukesh Sharma	652149 657505 653707,9412055002	F
APC	Dehradun	N K System 110, Taigore Villa Dehradun	Mr. Naresh Batra	710303 710606	F
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APC	Dehradun	Natraj Engineering Services 4, old survey road Dehradun	Mr. Sushant Ahuja	747945 742712 740813	F
APC	Dehradun	CSPL Pvt. Ltd. 154/3/D, Rajpur Road Dehradun	Mr. Neeraj Kapoor	733663, 733664	F
APC	Dehradun	Santech Infonet Ltd. 11/10, Rajpur Road Dehradun	Mr. Chand Bahuguna	651681 650176	F
WIPRO	Dehradun	Dalavision A Unit of Mandakini Hotels, I. Hardwar Road Dehradun	Mr. Anshu Oberoi	623456	A,B,C,E,F
WIPRO	Dehradun	N K System 110, Taigore Villa Dehradun	Mr. Naresh Batra	710303 710606	E,F

WIPRO	Dehradun	Strategic Marketing 29/2 Anekan Palace Rajpur Road Dehradun	Mr. Vikas Dewan Mr. Mukesh Sharma	652149 657505 653707	E,F
WIPRO	Dehradun	Natraj Engineering Services 4, old survey road Dehradun	Mr. Sudhant Ahuja	747945 742712 740813	E,F
WIPRO	Haldwani	Nainwal Informatics Khanchand Market Haldwani	Mr. Deepak Nainwal	227466 226408	A,B,E,F
HCL	Noida	HCL Infosystem Ltd. G-8, 9 & 10 Sec-5 Noida UP (India) 201301	Mr. Sudhir puri	011-4522886 011-4522700 0120-425022363 0120-2549869-875	A,B,C,D,F,G
HCL	Dehradun	HCL Infosystem Ltd. 13-B, Subhash Road, Adj. to Incom Tax Office Dehradun	Mr. Sudhir Puri/ Mr. Vikrant Singh	2650992, 2714580 9412205067	A,B,C,D,F,G
D-Link	Haldwani	Nainwal Informatics Khanchand Market Haldwani	Mr. Deepak Nainwal	227466 226408	D
D-Link	New Delhi	Ariek Enterprises Pvt. Ltd. 45 Deepak Building 13 Nehruplace New Delhi	Mr. Anil Gupta	8962136-37	D
D-Link	Dehradun	N K System 110, Taigore Villa Dehradun	Mr. Nareesh Batra	710303 710406	D
D-Link	Dehradun	Strategic Marketing 29/2 Anekan Palace Rajpur Road Dehradun	Mr. Vikas Dewan Mr. Mukesh Sharma	652149 657505 653707, 9412055002	D
D-Link	Dehradun	DNC Communication Pvt. Ltd. 322, Phase-II Vasant Vihar Dehradun	Mr. K C Pandey	2761388 9412059009	D

HP	Dehradun	Strategic Marketing 29/2 Anekan Palace Rajpur Road Dehradun	Mr. Vikas Dewan	652149 657505 653707	A, B, C, E
HP	Dehradun	N K System 110, Taigore Villa Dehradun	Mr. Naresh Batra	710303 710606	A, B, C, E
HP	Dehradun	Santech Infonet Ltd. 11/10, Rajpur Road Dehradun	Mr. Chand Bahuguna	651681 650176	A, B, C, E
HP (Only for Kumaon Region)	Haldwani Dehradun	Associate Business Computer 848, 1 <sup>st</sup> Floor, Badripura Haldwani, 21/2, Kishan Nagar Dehradun	Mr. Lakshman Sahi  Mr. Ajay Kumar	2753674 9837237307	A, B, C, E
ACER	New Delhi	Acer India Ltd. S-302 GK-2 New Delhi-48	Mr. T.V. Tulsidharan	011-6239090 011-6294949	A B C
ACER	Dehradun	Rans 10/2 Ballupur road, Near Krishan nagar Crossing Dehradun	Mr. Arvind Mittal	626039 621150 623951	A, B, C
ACER	Dehradun	Bips System Ltd. Zaidi College, Jodi Gaon Road Jakhn, Dehradun	Ms. Anita Debhal Mr. Shalendra Khadk	2733323 3100390	A, B, C
ACER	Dehradun	Compcare Systems 11-A Arti Shopping Complex Nashvilli Road Dehradun	Mr. Mohinder Singh Rajput	2710562 9412053237	A, B, C
ACER	Dehradun	Infosoft Consultants 15-16 Shiva Palace Coplex 57/19, Rajpur Road Dehradun	Mr. Vikram Sabharwal	2659514 9837058725	A, B, C
IBM	Dehradun	Natraj Engineering Services 4, old survey road Dehradun	Mr. Sushant Ahuja	747945 742712 740813	A, B, C



IBM	Dehradun	Redington India Ltd. 10, Ground Floor Tilak Road Dehradun	Mr. Sandeep Mittal	620563	A,B,C
IBM	Dehradun	CSPL Pvt. Ltd. 154/3/D, Rajpur Road Dehradun	Mr. Neeraj Kapoor	733663, 733664	A,B,C

  
 Mr. Sandeep Mittal  
 Mr. Neeraj Kapoor  
 Mr. Sandeep Mittal